

CLAIMS

1 1. A motor vehicle MOST data communication network, comprising:
2 a ring bus;
3 a plurality of multimedia units connected to said ring bus; and
4 a wireless transceiver connected to said ring bus, wherein said wireless transceiver receives
5 outgoing data from said ring bus and transforms said outgoing data to a wireless data format and
6 transmits the transformed data, and receives incoming data and transforms said incoming data and
7 provides transformed incoming data indicative thereof to said ring bus.

1 2. The motor vehicle MOST data communication network of claim 1, wherein said incoming
2 data is formatted as Bluetooth data.

1 3. The motor vehicle MOST data communication network of claim 1, wherein said incoming
2 data is formatted according to a time division multiplex encoding.

1 4. The motor vehicle MOST data communication network of claim 1, wherein said incoming
2 data is formatted according to a Digital European Cordless Telecommunication (DECT) standard.

1 5. The MOST data communication network of claim 2, wherein said plurality of multimedia
2 units includes a DVD player.

1 6. The MOST data communication network of claim 2, wherein said plurality of multimedia
2 units includes an audio player.

1 7. The MOST data communication network of claim 2, wherein said plurality of multimedia
2 units includes a navigation system.

1 8. A method of communicating over a wireless communication channel between a motor
2 vehicle MOST network having a wireless transceiver and a wireless device, comprising:

3 receiving outgoing data at the wireless transceiver in a first data format compatible with the
4 MOST network and transforming the outgoing data to a second data format compatible with the
5 wireless communication channel and providing a transformed output signal indicative thereof; and
6 transmitting said transformed output signal over the wireless communication standard.

1 9. The method of claim 8, further comprising:

2 receiving incoming data at the wireless transceiver in the second data format and
3 transforming the incoming data to the first data format, and providing a transformed input signal
4 indicative thereof.

1 10. The method of claim 9, wherein said second data format is compatible with Bluetooth.

1 11. The method of claim 9, wherein said second data format is compatible with Digital
2 European Cordless Telecommunication (DECT) standard.

1 12. A motor vehicle MOST data communication network that communicates over a wireless
2 communication channel with a wireless device, comprising:

3 a ring bus;

4 a plurality of multimedia units connected to said ring bus; and

5 means for receiving outgoing data from said ring bus in a first data format compatible with

6 the MOST network, and for transforming said outgoing data to a second data format compatible
7 with a wireless communication channel and for transmitting a transformed output data signal
8 indicative thereof over the wireless communication standard.

1 13. The motor vehicle MOST data communication network of claim 12, wherein said
2 transformed output data signal is formatted as Bluetooth data.

1 14. The motor vehicle MOST data communication network of claim 12, wherein said
2 transformed output data signal is formatted according to a time division multiplex encoding.

1 15. The motor vehicle MOST data communication network of claim 12, wherein said
2 transformed output data signal is formatted according to a Digital European Cordless
3 Telecommunication (DECT) standard.